

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018341.D
 Acq On : 18 Sep 2020 22:38
 Operator : SY/MD
 Sample : L4080-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284668	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281675	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95633	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.44%
7) Chloroethane-d5	1.58	69	80989	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.32%
11) 1,1-Dichloroethene-d2	2.12	63	141568	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	3.92	46	117671	82.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.87%
24) Chloroform-d	4.38	84	171376	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.06	65	113404	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
32) Benzene-d6	5.08	84	347810	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
36) 1,2-Dichloropropane-d6	6.09	67	110671	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.34	98	306579	41.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.44%
43) trans-1,3-Dichloropropene-	7.64	79	51095	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.11	63	76834	79.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136019	42.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	126811	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%

Target Compounds

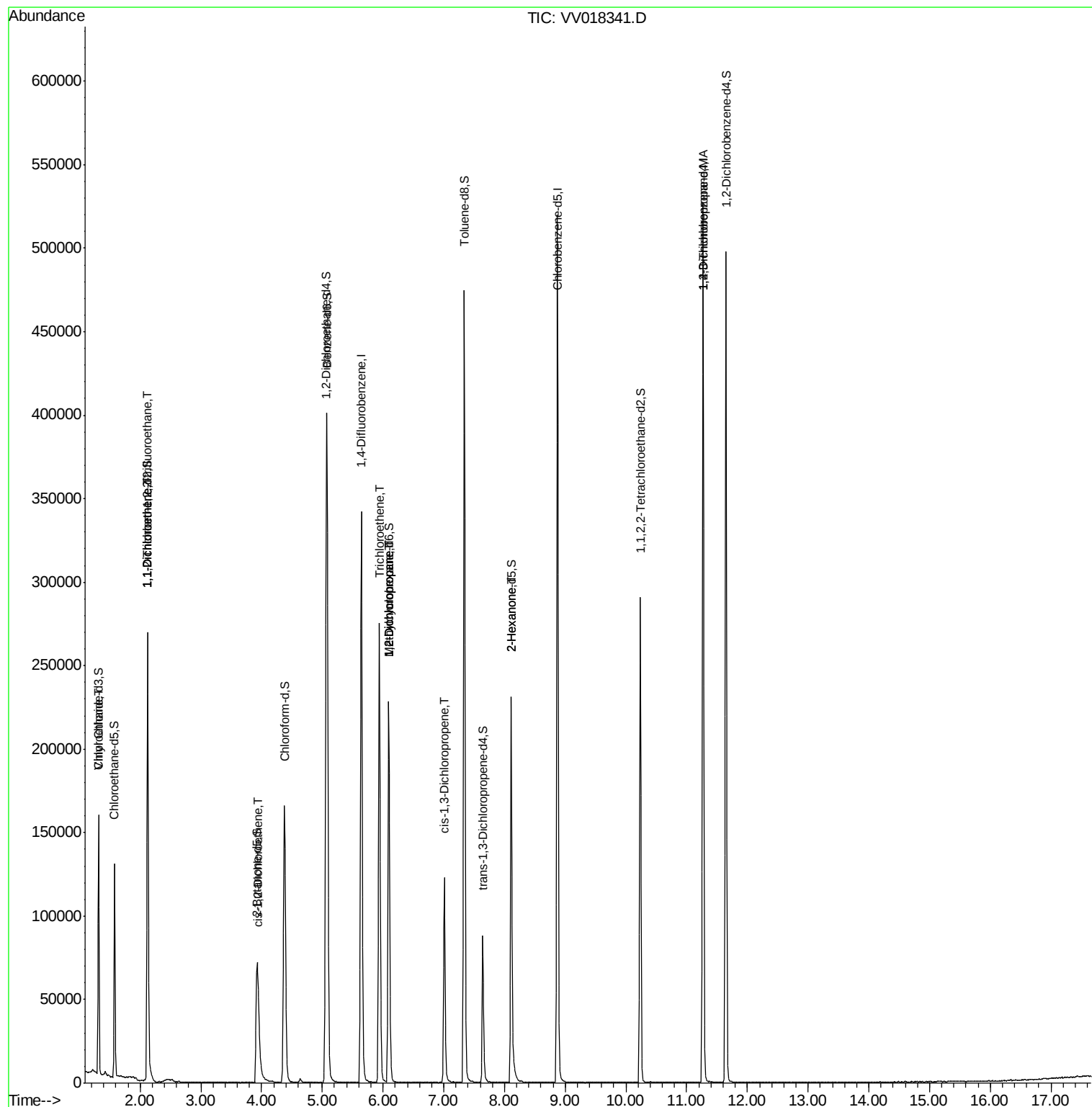
					Ovalue
8) Chloroethane	1.32	64	1155	0.793	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1272	0.662	ug/L # 19
12) 1,1-Dichloroethene	2.13	96	6855	3.668	ug/L # 1
20) cis-1,2-Dichloroethene	3.95	96	5357	2.602	ug/L 99
34) Trichloroethene	5.94	95	95283	43.432	ug/L 99
35) Methylcyclohexane	6.09	83	26500	8.023	ug/L # 18
37) 1,2-Dichloropropane	6.10	63	12127	5.683	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2890	0.879	ug/L # 71
48) 2-Hexanone	8.11	43	9590	4.698	ug/L # 72
59) 1,2,3-Trichloropropane	11.27	75	15049	5.996	ug/L 90

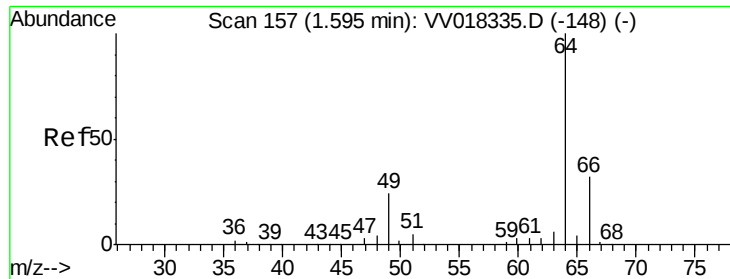
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 19 05:11:16 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.793 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

Instrument :

MSVOA_V

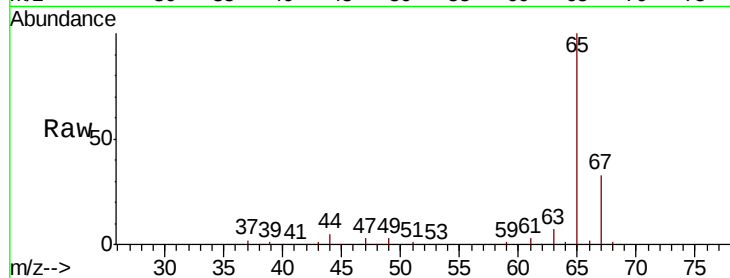
ClientSampled :

Tot Ion: 64 Resp: 1155

Ion Ratio Lower Upper

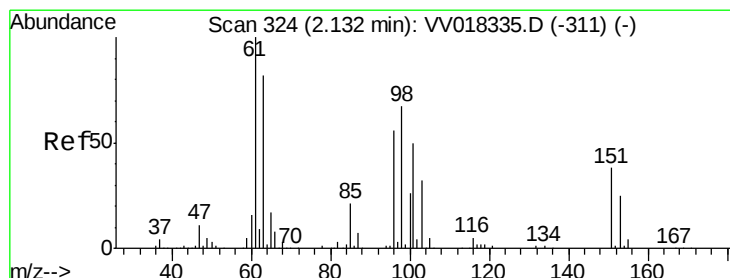
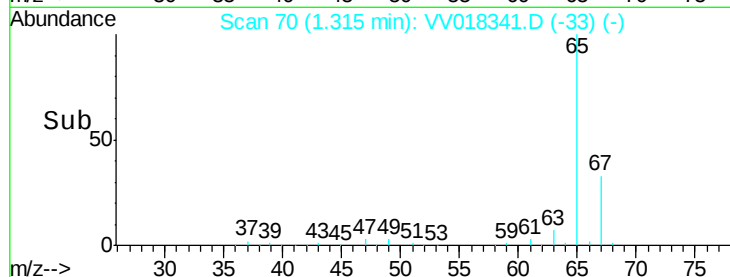
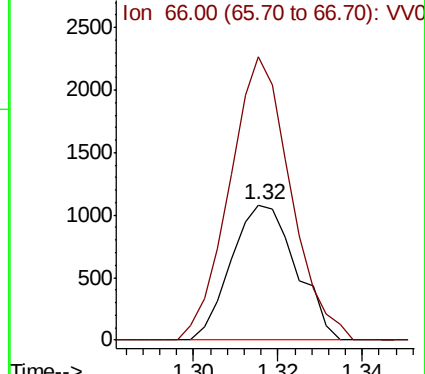
64 100

66 208.9 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VV018335.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018335.D (-148) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.662 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

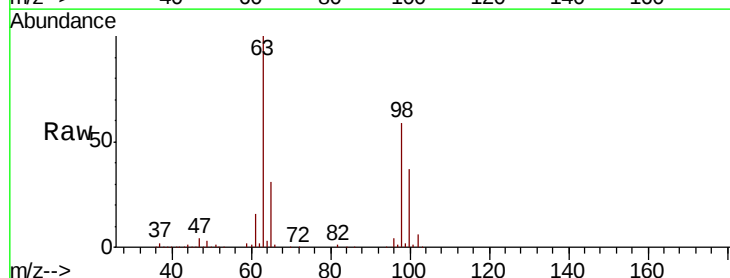
Tgt Ion: 101 Resp: 1272

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

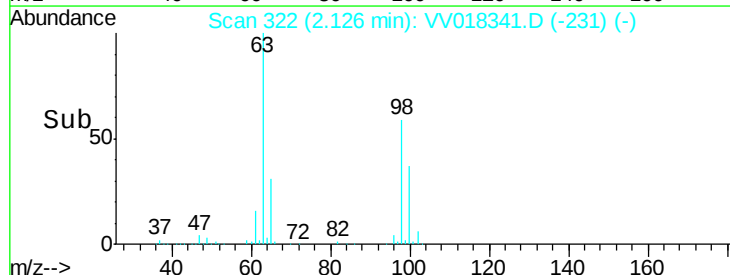
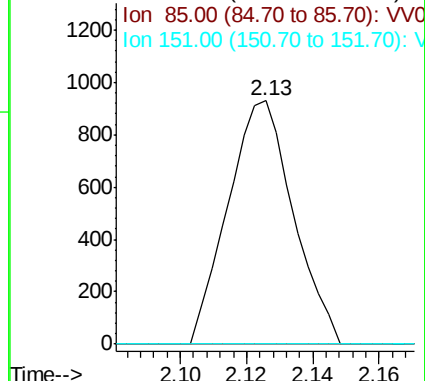
151 0.0 62.2 93.2#

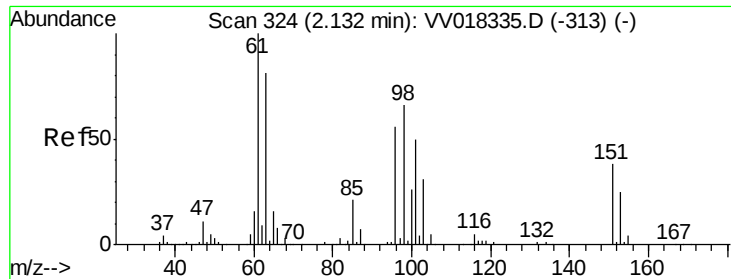


Abundance Ion 101.00 (100.70 to 101.70): VV018335.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018335.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018335.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 3.668 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

Instrument :

MSVOA_V

ClientSampleId :

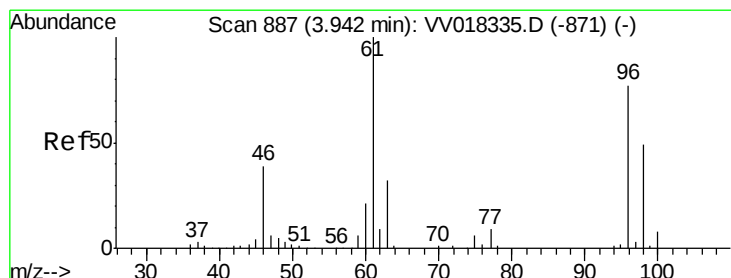
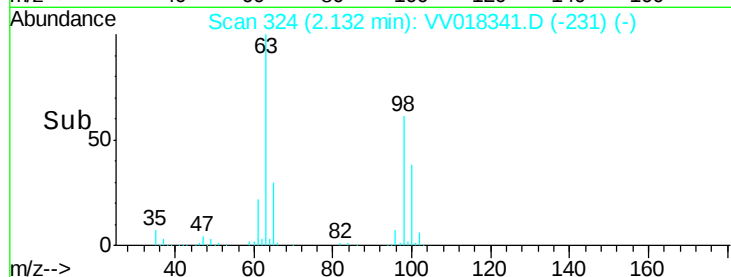
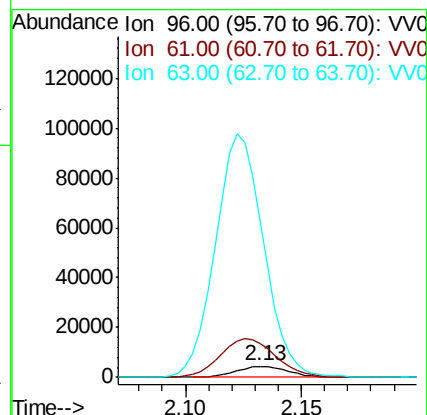
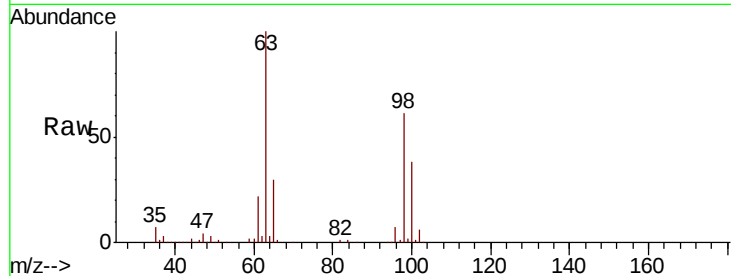
Tot Ion: 96 Resp: 6855

Ion Ratio Lower Upper

96 100

61 303.6 122.9 228.3#

63 1409.1 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 2.602 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

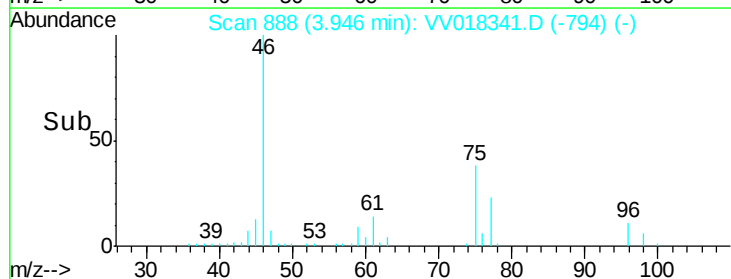
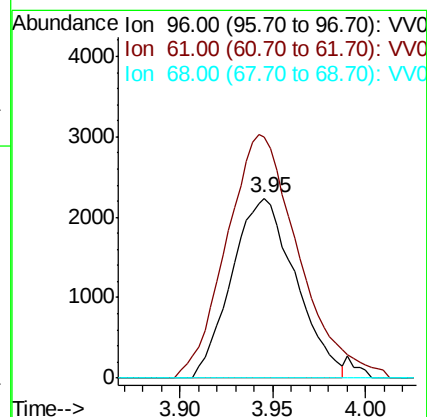
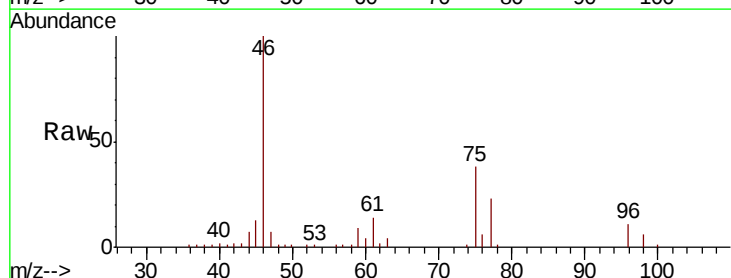
Tgt Ion: 96 Resp: 5357

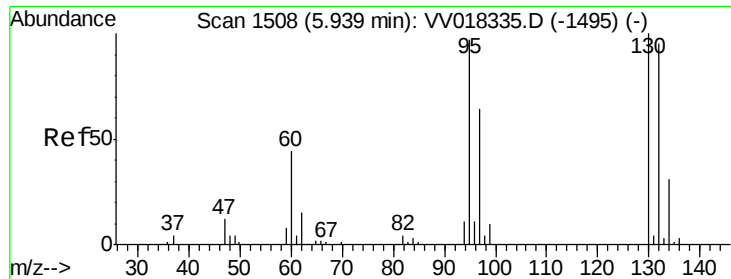
Ion Ratio Lower Upper

96 100

61 134.3 93.6 173.8

68 0.0 0.0 0.0

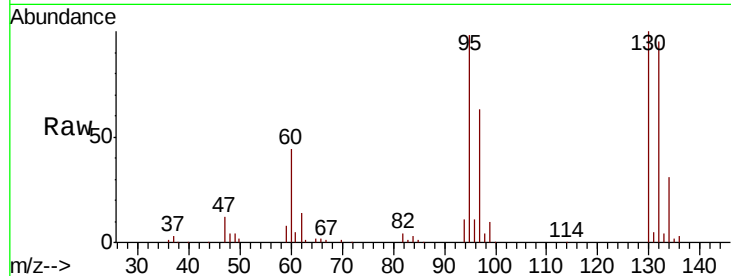




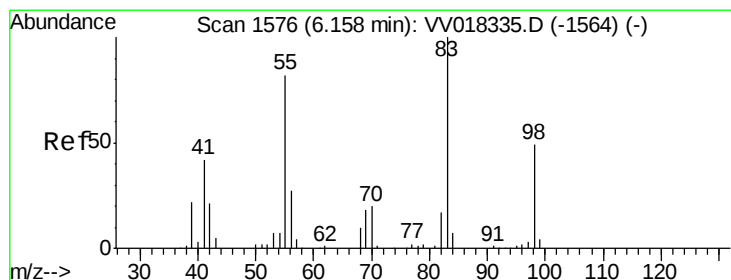
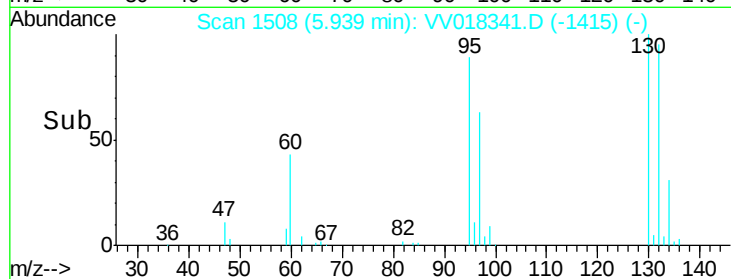
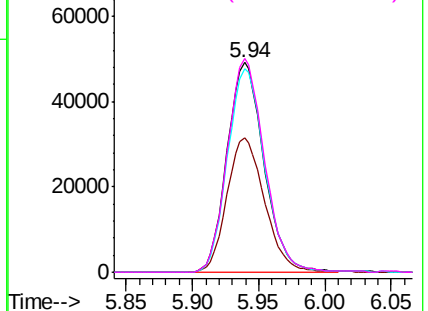
#34
 Trichloroethene
 Concen: 43.432 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV018341.D
 Acq: 18 Sep 2020 22:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 95283
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.3 85.9
 132 96.9 68.1 126.5
 130 102.0 71.5 132.9

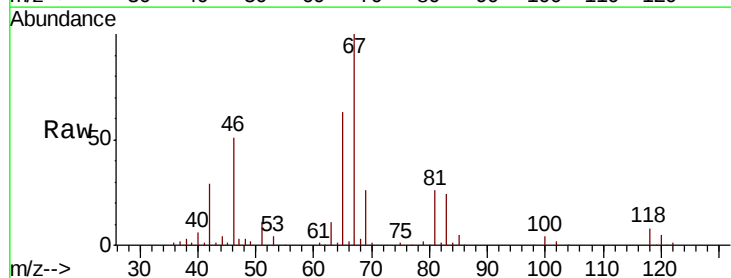


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

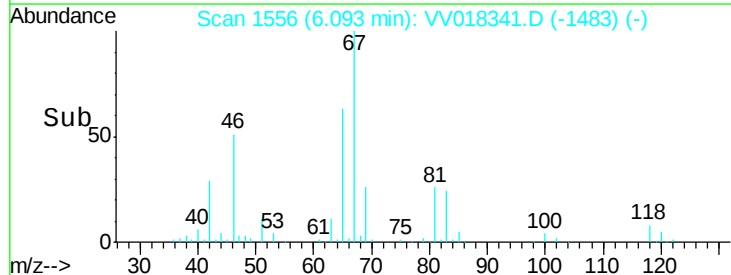
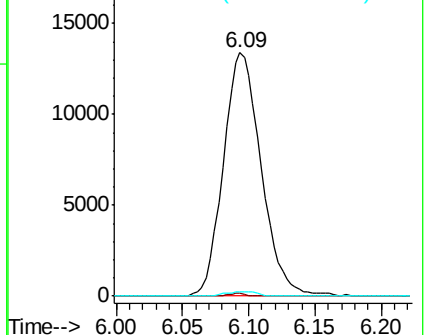


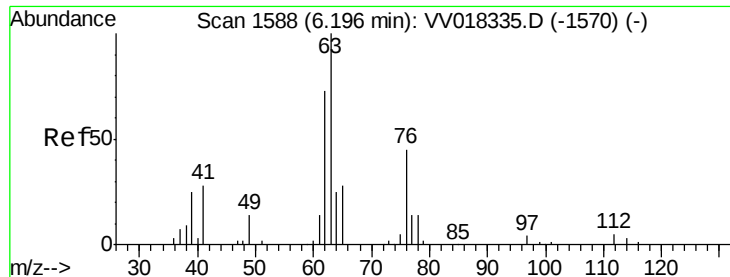
#35
 Methylcyclohexane
 Concen: 8.023 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018341.D
 Acq: 18 Sep 2020 22:38

Tgt Ion: 83 Resp: 26500
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.4 95.2#
 98 1.5 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

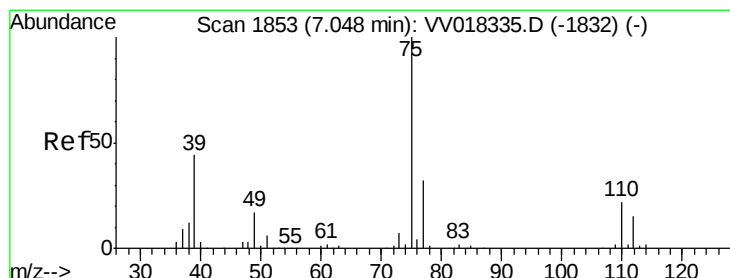
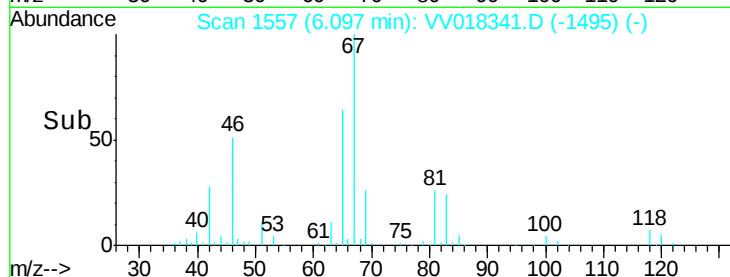
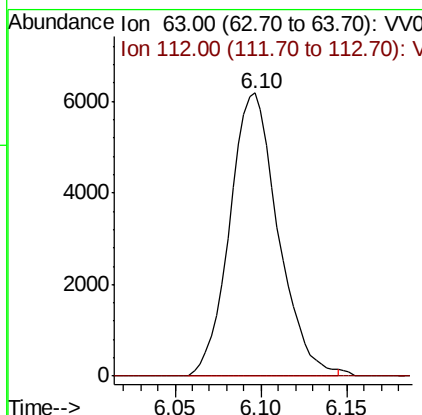
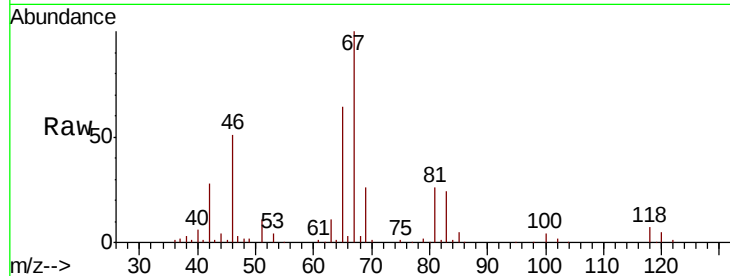




#37
 1,2-Dichloropropane
 Concen: 5.683 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018341.D
 Acq: 18 Sep 2020 22:38

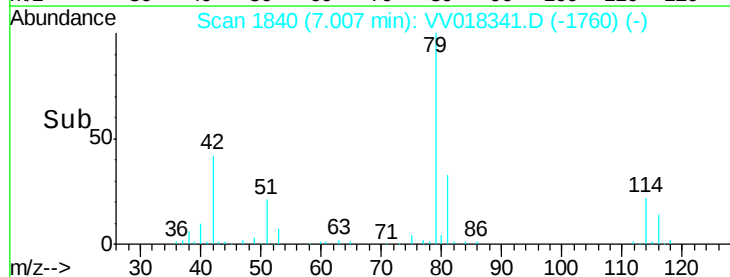
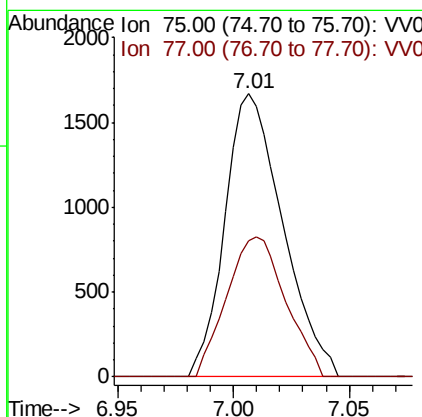
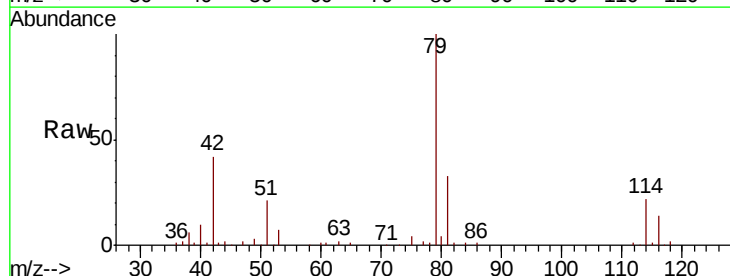
Instrument :
 MSVOA_V
 ClientSampleId :

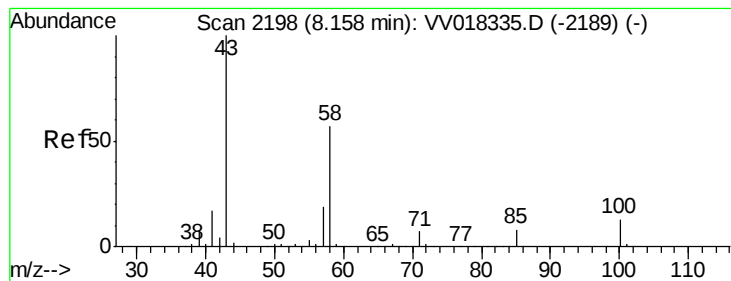
Tot Ion: 63 Resp: 12127
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.879 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018341.D
 Acq: 18 Sep 2020 22:38

Tgt Ion: 75 Resp: 2890
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.3 41.3#





#48

2-Hexanone

Concen: 4.698 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9590

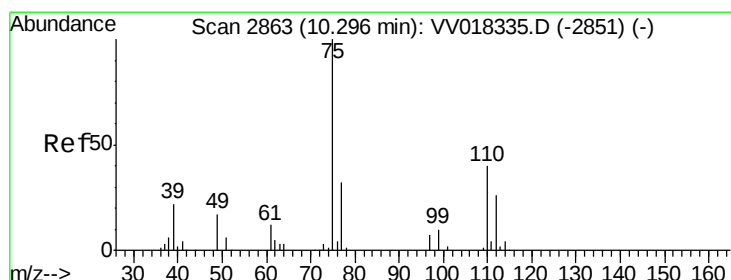
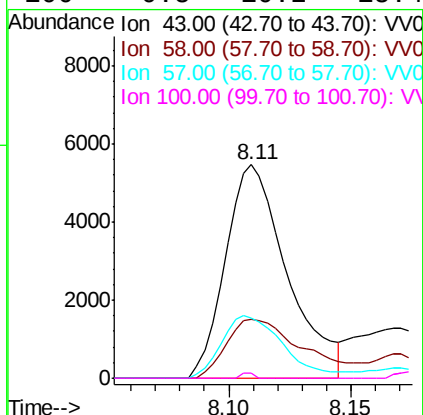
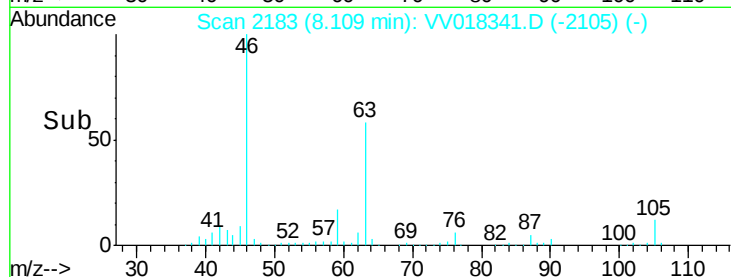
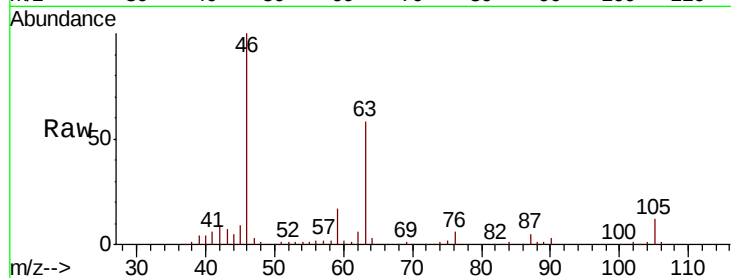
Ion Ratio Lower Upper

43 100

58 35.0 44.8 67.2#

57 29.9 15.8 23.6#

100 0.5 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 5.996 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018341.D

Acq: 18 Sep 2020 22:38

Tgt Ion: 75 Resp: 15049

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6

